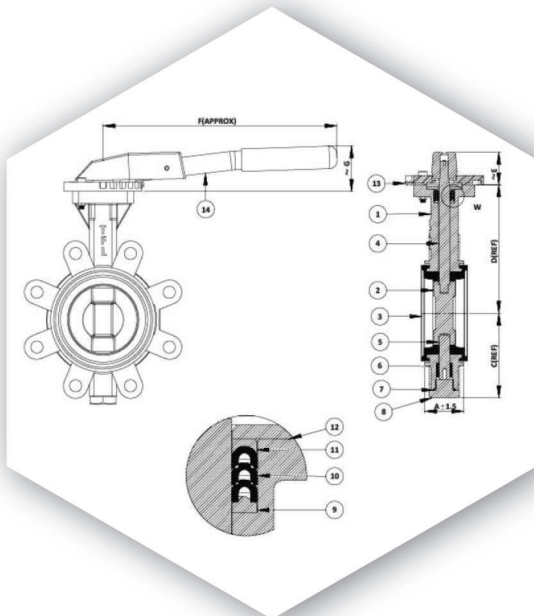


DUCTILE IRON BUTTERFLY VALVE LUGGED (BFX16-L / BFX16S-L)



DIMENSIONAL DRAWINGS



DIMENSIONS & WEIGHTS

Size	A	B	C	D	E	F	G	Weight (kg)
65 MM	46	66	79	140	35	220	49	7
80 MM	46	80	96	147	40	260	60	7.50
100MM	52	101	106	172	40	260	60	10
125MM	56	124	121	187	45	315	75	11
150MM	56	150	134	201	45	315	75	12.50
200MM	60	201	168	229	81	215	200	24
250MM	68	251	202	269	81	215	200	34
300MM	78	301	234	298	81	215	200	44
350MM	78	340	275	328	92	302	400	67
400MM	102	391	303	358	92	302	400	106

VALVE SELECTION

SPECIFICATION	PART NUMBER
NP DUCTILE IRON DISC	BFX 16 - L
STAINLESS STEEL DISC	BFX 16S - L

FEATURES & BENEFITS

- Long neck for insulation, Maintenance free.
- 200 Micron Fusion Bonded Epoxy Powder coated for improved barrier to corrosive chemicals, moisture and humid air.
- Valves DN200 and larger sizes supplied as standard with fully enclosed gear operator.
- Unique triple sealing system for shaft sealing. eliminates any fugitive emission or secondary leakage.
- EPDM seat liner extending on to the flange gaskets during installations.
- Suitable for ON/OFF and modulating duty (Torque details available on request).
- EPDM Fusion bonded lined valves available upon request.

MATERIAL SPECIFICATION

Part No.	Part Name	Material
1	BODY	DUCTILE IRON : BS EN 1563 EN-JS 1050
2	DISC	DUCTILE IRON NICKEL PLATED : BS EN 1563 EN-JS 1050
3	DISC	STAINLESS STEEL : BS EN 10088-1 GR.1.4057
4	SEAT	RUBBER : EPDM
5	SHAFT	STAINLESS STEEL : BS EN 10088-1 GR.1.4057
6	PIVOT SHAFT	STAINLESS STEEL : BS EN 10088-1 GR.1.4057
7	PIVOT SHAFT BUSH	PLASTIC : LDPE
8	PLUG WEATHER SEAL	RUBBER : EPDM
9	PLUG	DUCTILE IRON : BS EN 1563 EN-JS 1030
10	LOWER RING	MILD STEEL
11	STEM SEAL	RUBBER : EPDM
12	SEAL ENERGISING RING	MILD STEEL
13	SEAL RETAINER	MILD STEEL
14	LOCK PLATE	REINFORCE POLYAMIDE
15	HAND LEVER	STEEL TUBE+EPOXY
16	GEAR BOX	SEE GEAR BOX BOM

PRESSURE / TEMPERATURE RATING

Pressure Rating	16 bar
Temperature	-10 to 120 °C

TEST PRESSURES

Shell	24 bar
Seat	17.6 bar

SPECIFICATION

- Self lubricated pipe lined bearings for both drive end & non-drive end shafts ensures minimum friction torque and safe operations.
- Bi-Directional valve with tight shut-off sealing capability to hold vacuum rated pressure in either direction.
- Excellent adaptability for actuated operation through standardised (ISO 5211) top flange mounting for actuator fitment.
- End connection lugged pattern suitable for PN25 flanges.
- Flanged: BS EN 1092-1
- Face to Face: BS EN 558:2008
- Working Standard : BS EN593
- Testing Standard : BS EN 12266-2

TFL Valves Quality Policy Is Complete Satisfaction Of Customers. According To That We Have Selected QUALITY As A Strategic factor in application to all our organization. Our purpose is to reinforce competitiveness, to ensure customer satisfaction, to improve process related with product quality and guarantee accomplishment of quality requirements.